



PTO/SB/21 (09-04)

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**TRANSMITTAL
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Total Number of Pages in This Submission

6

Application Number

10/690,047

Filing Date

October 21, 2003

First Named Inventor

Joel L. Martin

Art Unit

1713

Examiner Name

Choi, Ling Siu

Attorney Docket Number

C51757 0042

ENCLOSURES (Check all that apply)

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|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
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| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Form PTOL-85 Part B Issue Fee Transmittal (in duplicate); Form PTO/SB17 Fee Transmittal; Comments On Statement Of Reasons For Allowance; Return postcard |
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| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application | <input type="checkbox"/> Landscape Table on CD | |
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| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---------------------------------------|----------|--------|
| Firm Name | Womble Carlyle Sandridge & Rice, PLLC | | |
| Signature | | | |
| Printed name | Jeffery B. Arnold | | |
| Date | August 18, 2006 | Reg. No. | 39,540 |

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| Typed or printed name | Sharon R. Dunn | Date | August 18, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|--------------------------------------|---|--------------------------|
| In re Application of: |) | |
| |) | |
| Joel L. Martin, et al. |) | Art Unit: 1713 |
| |) | |
| Serial No.: 10/690,047 |) | Examiner: Choi, Ling Siu |
| |) | |
| Filed: October 21, 2003 |) | Docket No.: C51757.0042 |
| |) | |
| For: Olefin Polymerization Processes |) | |
| And Products Thereof |) | |

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Mail Stop: Issue Fee
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In the Notice of Allowance and Fee(s) Due mailed June 15, 2006, Examiner L.S. Choi states that Claims 20-35 represent allowable subject matter over the closest references. The reasons for allowance are on pages 2-4 of this Office Action. In addition to the PTO's statement of reasons for allowance, Applicants provide the following comments.

Applicants are unaware of any reference of record, including the references cited in the examiner's statement of reasons for allowance and U.S. Patent No. 5,272,124 to Wu, which either alone or in combination, teaches or suggests a polymerization catalyst composition as claimed in Claim 20 and any claim depending therefrom. Further, Applicants are unaware of

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Sharon R. Dunn

any reference of record, including Ballard et al. (U.S. Patent No. 4,056,669), Ballard et al. (U.S. Patent No. 3,969,386), Setterquist (U.S. Patent No. 3,950,269), Candlin et al. (U.S. Patent No. 3,738,944), Kruse (U.S. Patent No. 3,773,742), and Wu (U.S. Patent No. 5,272,124), which either alone or in combination, teaches or suggests a polymerization catalyst composition comprising a compound having the formula $M(CH_2XR_3)_4$, that is supported on an aluminum-containing support comprising at least one of fluorided alumina, fluorided/silated alumina, aluminophosphate, or mixtures thereof. In the formula $M(CH_2XR_3)_4$,

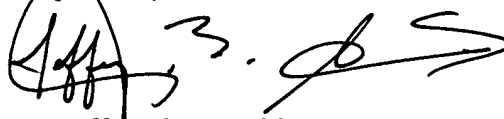
M is selected from titanium, zirconium or hafnium;

X in each instance is independently selected from carbon, silicon, germanium, tin, or lead; and

R in each instance is independently selected from a saturated or unsaturated hydrocarbon.

Respectfully, Applicants do not concede that the PTO's stated reasons for allowability are the only reasons for allowability of the claims.

Respectfully submitted,



By: Jeffery B. Arnold
Reg. No. 39,540

Date: August 18, 2006

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Docket No.: C51757 0042 (51879.0039.8)